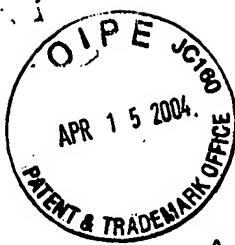


**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**



As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled EXHAUST GAS RECIRCULATION AFTERBURNER, the specification of which

is attached hereto.

was filed on

and was amended on \_\_\_\_\_ as United States App. No. \_\_\_\_\_ or PCT International App. No. \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Philip B. Polster, Reg. No. 16,554, J. Philip Polster, Reg. No. 24,739, Lionel L. Lucchesi, Reg. No. 25,891, William G. Bruns, Reg. No. 19,541, Edward A. Boeschenstein, Reg. No. 22,986, William B. Cunningham, Jr., Reg. No. 26,155, Ralph B. Brick, Reg. No. 17,444, McPherson D. Moore, Reg. No. 28,449, J. Joseph Muller, Reg. No. 28,450, Jonathan P. Soifer, Reg. No. 34,932, Ned W. Randle, Reg. No. 35,989, Martha A. Michaels, Reg. No. 20,453, Mark E. Books, Reg. No. 40,918, Catherine W. Wall, Reg. No. 42,209, David H. Chervitz, Reg. No. 32,820, Ronald W. Hind, Reg. No. 24,643, Nelson D. Nolte, Reg. No. 42,938, Douglas D. Churovich, Reg. No. 50,613, Douglas E. Warren, Reg. No. 52,344, Ahaji K. Amos, Reg. No. 46,831 and Scott A. Smith, Reg. No. 46,067.

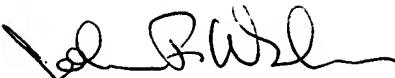
Direct all telephone calls to Scott A. Smith at Telephone No. (314) 238-2400.

Address all correspondence to Customer Number 001688.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First Inventor: John F. Wirkus

Inventor's Signature:

 Date: March 29, 2004

Residence:

City of Saint Peters, State of Missouri

Citizenship:

United States of America

Post Office Address:

119 Redding Ct.

Saint Peters, Missouri 63376

Full name of Second Inventor: Robert F. Killion

Inventor's Signature:

 Date: March 29, 2004

Residence:

City of Saint Charles, State of Missouri

Citizenship:

United States of America

Post Office Address:

4011 Austin Dr.

Saint Charles, Missouri 63304



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. APPLICATION SERIAL NO.: 10/723,195

FILED: November 26, 2003

INVENTORS: John F. Wirkus; Robert F. Killion

FOR: Exhaust Gas Recirculation Afterburner

St. Louis, Missouri

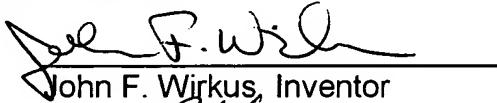
Commissioner for Patents

**REQUEST FOR CORRECTION OF INVENTORSHIP**

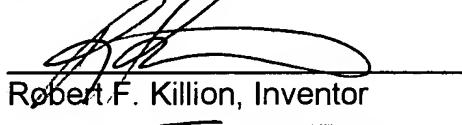
Applicants, pursuant to 37 CFR 1.48(a), request that the above-designated patent application be amended to reflect that the material and method which is disclosed therein is the joint invention of John F. Wirkus, a resident of St. Peters, Missouri, and Robert F. Killion, a resident of St. Charles, Missouri.

The error in identifying the inventors occurred without deceptive intention on the part of the inventors including the omitted inventor.

Date: March 29, 2004

  
John F. Wirkus, Inventor

Date: March 29, 2004

  
Robert F. Killion, Inventor

Date: March 29, 2004

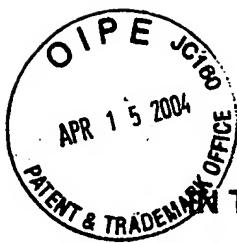
  
Scott Smith, Attorney  
Reg. No. 46,067  
Polster Lieder, Woodruff, & Lucchesi  
12412 Powerscourt Drive – Suite 200  
St. Louis, Missouri 63131  
Phone (314) 238-2400

04/19/2004 JBALINAN 00000099 10723195

01 FC:1460

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04/16/2004 JBALINAN 00000085 10723195  
01 FC:1051  
Adjustment date: 04/19/2004 JBALINAN  
04/16/2004 JBALINAN 00000085 10723195  
01 FC:1051



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. APPLICATION SERIAL NO.: 10/723,195

FILED: November 26, 2003

INVENTORS: John F. Wirkus; Robert F. Killion

FOR: Exhaust Gas Recirculation Afterburner

St. Louis, Missouri

Commissioner for Patents

**STATEMENT OF WRITTEN CONSENT**

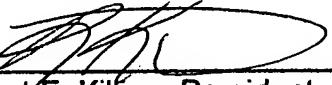
Assignee, GSI Engine Management Group, Corp., hereby provides written consent to amend the above-designated patent application, pursuant to 37 CFR 1.48(a), to reflect that the material and method which is disclosed therein is the joint invention of John F. Wirkus, a resident of St. Peters, Missouri, and Robert F. Killion, a resident of St. Charles, Missouri. Attached is the DECLARATION AND POWER OF ATTORNEY executed on March 29, 2004.

The error in identifying the inventors occurred without deceptive intention on the part of the inventors including the omitted inventor. This is evidenced by the attached STATEMENT OF CORRECTION OF INVENTORSHIP executed March 29, 2004.

A statement establishing ownership under 37 CFR 3.73(b) of the above-mentioned application is attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: 3/29/04

  
Robert F. Killion, President



PTO/SB/88 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: GSI Engine Management GroupApplication No./Patent No.: 10/723,195 Filed/Issue Date: November 26, 2003Entitled: EXHAUST GAS RECIRCULATION AFTERBURNER

GSI Engine Management Group, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below.1. From: John F. Wirkus; Robert F. Killion To: GSI Engine Management GroupThe document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3/29/04

Date

314-815-6944 (46)

Telephone number

ROBERT F. KILLION

Typed or printed name

Signature

PRESIDENT

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## A S S I G N M E N T

WHEREAS, We, John F. Wirkus, a citizen of the United States, resident of the City of Saint Peters, State of Missouri, whose post office address is 119 Redding Ct., Saint Peters, Missouri 63376, and Robert F. Killion, a citizen of the United States, resident of the City of St. Charles, State of Missouri, whose post office address is 4011 Austin Dr., Saint Charles, Missouri 63304, have invented certain improvements in EXHAUST GAS RECIRCULATION AFTERBURNER for which we are about to make, and have this day executed, application for Letters Patent of the United States, identified as Attorney's Docket No. GSIE 8803US;

AND, WHEREAS, GSI Engine Management Group, a Delaware Corporation, with offices at 6241 Lemay Ferry Road, St. Louis, MO 63129, is desirous of acquiring the entire right, title and interest in and to said improvements in EXHAUST GAS RECIRCULATION AFTERBURNER and all patent rights therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said John F. Wirkus and Robert F. Killion, do hereby sell, assign, transfer and set over unto said GSI Engine Management Group the entire right, title and interest in and to said improvements, and in and to all Letters Patent and patent rights which may be granted or issued for said improvements, in the United States and all foreign countries, and any reissue, reexamination, continuation, continuation-in-part, division, or extension thereof, the same to be held and enjoyed by said GSI Engine Management Group, a corporation, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this Assignment and sale had not been made; and we agree to execute such further applications, powers of attorney, assignments and other documents as may be necessary or desirable to effectuate this Agreement.

AND WE DO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue that said Letters Patent, when granted, to the said GSI Engine Management Group, a corporation, its successors and assigns, as assignees of the entire right, title and interest in and to said improvements, for the sole use and behoof of said GSI Engine Management Group, a corporation, and for its successors and assigns, to the full ends of the terms for which Letters Patent may be granted.

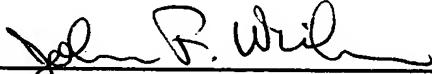
AND we further grant to GSI Engine Management Group, a corporation, its successors and assigns, the right to claim for any application for patent for said improvements the full benefit of any international agreement between the United States and any foreign country or countries.

AND our attorney is hereby authorized to insert in this Assignment the Serial No. and filing date of said application, when advised thereof, as follows:

Serial No.: 10/723,195

Filed: November 26, 2003

Date: March 24, 2004

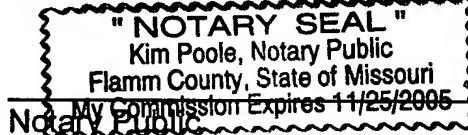
  
John F. Wirkus, Inventor

Date: March 24, 2004

  
Robert F. Killion, Inventor

STATE OF )  
              ) SS.  
COUNTY OF )

On this 24 day of March, 2004, before me, a Notary Public, personally appeared John F. Wirkus, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.

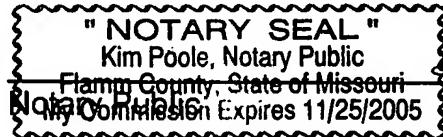




My Commission Expires: 11/25/05

STATE OF )  
              ) SS.  
COUNTY OF )

On this 24 day of March, 2004, before me, a Notary Public, personally appeared Robert F. Killion, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.





My Commission Expires:

11/25/05